



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of **Steinberg, et al.**

Application No. 09/728,896

Attorney Docket No. Shipley 03-05

Filed: December 1, 2000

For: **FIBER ARRAY SWITCH HAVING
MICROMACHINED FRONT FACE
WITH ROLLER BALLS**

Examiner: Michael P. Mooney

Group Art Unit: 2877

CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8(a)

I hereby certify that this Correspondence is being deposited on the date identified below with the United States Postal Service as first-class mail in an envelope properly addressed to Commissioner for Patents, Alexandria, VA 22313-1450

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Date of Certificate

Cristin Donahue
Cristin Donahue

Commissioner for Patents
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. § 1.97**

In compliance with the duty of disclosure set forth in 37 C.F.R. § 1.56, Applicants are submitting herewith a Form PTO-1449 and a copy of the references listed thereon. This Information Disclosure Statement is being filed with a Request for Continued Examination. Accordingly no fee is required.

Applicants respectfully request full and proper consideration of the listed information during examination of the application, and that the listed information be printed on any patent that issues therefrom.

Respectfully submitted,

DANN, DORFMAN, HERRELL & SKILLMAN
A Professional Corporation
Attorneys for Applicant(s)

By 
Niels Haun
PTO Registration No. 48,488

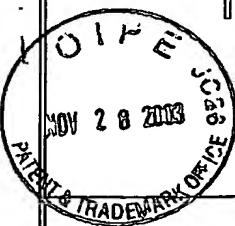
Telephone: (215) 563-4100

Facsimile: (215) 563-4044

Enclosures - Form PTO-1449

Copies of references listed on PTO - 1449

**INFORMATION
DISCLOSURE
STATEMENT**



SHEET 1 OF 1

Complete if known

Application Number: 09/728,896

Filing Date: December 1, 2000

First Named Inventor: Steinberg, et al.

Group Art Unit: 2877

Examiner Name: Michael P. Mooney

Attorney Docket Number: Shipley 03-05

UNITED STATES PATENT DOCUMENTS

EXAMINER'S INITIALS	CITE NO.	PATENT NUMBER	ISSUE DATE MM-DD-YYYY	FIRST NAMED INVENTOR
		4725114	02/16/1988	Murphy
		4973127	11/27/1990	Cannon, Jr. et al.
		5044711	09/03/1991	Saito
		5185825	02/09/1993	Shigematsu et al.
		5357590	10/18/1994	Auracher
		5500911	03/19/1996	Roff
		6320997	11/20/2001	Dautartas et al.
		6477303	11/05/2002	Witherspoon
		6519382	02/11/2003	Jurbergs et al.
		2001/0041026	11/15/2001	Steinberg et al.
		2003/0108272	06/12/2003	Sherrer et al.

FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS	CITE NO.	DOCUMENT NUMBER	COUNTRY OR REGION	DATE OF PUBLICATION MM-DD-YYYY	FIRST NAMED INVENTOR OR APPLICANT

OTHER PRIOR ART - NON-PATENT DOCUMENTS

EXAMINER'S INITIALS	CITE NO.	Include name of the author (in Capital Letters), title of the article (when appropriate), title of the item(book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published

EXAMINER'S SIGNATURE	DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP § 609. Draw a line through citation if citation not in conformance and reference not considered. Include a copy of this form with next communication to applicant.